

AMENDMENTS TO THE CLAIMS:

Please cancel Claims 2, 6 through 11, and 13 through 18 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 1, 3 through 5, 12, and 19 and add Claims 20 through 22 as follows:

1. (Currently Amended) A method of constructing a wireless network by a wireless communication apparatus, the method comprising:

discriminating network identification information being used in the vicinity by receiving a signal transmitted from another wireless communication apparatus;

distinctly displaying network identification information discriminated as being used in the vicinity and network identification information not discriminated as being used in the vicinity on a display unit such that a user can select network identification information not used in the vicinity when network identification information, which has been stored in a memory unit, for identifying each wireless network system is displayed on the display unit; and

newly constructing a wireless network system of the network identification information, which has been displayed in the displaying step and has been selected by the user.

a display step of displaying plural items of network identification information which are stored in a memory;

a selecting step of selecting network identification information of a network, which is capable of being constructed anew, from the plural items of network identification information displayed at said display step; and

a constructing step of constructing a network corresponding to the network

identification information selected at said selecting step.

2. (Cancelled)

3. (Currently Amended) The method according to claim 1, wherein the displaying step displays the network identification information discriminated as being used in the vicinity in the discriminating step with a message representing that the network identification information is being used in the vicinity said selecting step selects network identification information other than network identification information currently in use.

4. (Currently Amended) The method according to claim 1, further comprising a setting step of displaying a list of encryption keys for encrypting communication data in the wireless network system, selecting a desired encryption key from the list of encryption keys, and setting the selected encryption key as the encryption key of communication data.

5. (Currently Amended) The method according to claim 1, further comprising:
a setting step of setting communication modes of the wireless network system; and
a step of displaying a list of communication channels and selecting a communication channel used for communication in a communication mode set in said the setting step from the list of communication channels.

6 - 11. (Cancelled)

12. (Currently Amended) A communication apparatus ~~constructing a network;~~
comprising:

a discrimination unit adapted to discriminate network identification information being used in the vicinity by receiving a signal transmitted from another wireless communication apparatus;

a display control unit adapted to distinctly display network identification information discriminated as being used in the vicinity and network identification information not discriminated as being used in the vicinity on a display device such that a user can select network identification information not used in the vicinity when network identification information, which has been stored in a memory unit, for identifying each wireless network system is displayed on the display device; and

a constructing unit adapted to newly construct a wireless network system of the network identification information, which has been displayed on the display device and has been selected by the user.

display means for displaying plural items of network identification information which are stored in a memory;

selecting means for selecting network identification information of a network, which is capable of being constructed anew, from the plural items of network identification information displayed by said display means; and

constructing means for constructing a network corresponding to the network identification information selected by said selecting means.

19. (Currently Amended) A computer-readable recording medium, which stores a program for causing a computer to execute the method of constructing a wireless network set forth in claim 10.

20. (New) The apparatus according to claim 12, wherein said display control unit displays the network identification information discriminated as being used in the vicinity by said discrimination unit with a message representing that the network identification information is being used in the vicinity.

21. (New) The apparatus according to claim 12, further comprising a setting unit adapted to display a list of encryption keys for encrypting communication data in the wireless network system, select a desired encryption key from the list of encryption keys, and set the selected encryption key as the encryption key of communication data.

22. (New) The apparatus according to claim 12, further comprising:
a setting unit adapted to set communication modes of the wireless network system; and
a selection unit adapted to display a list of communication channels and select a communication channel used for communication in a communication mode set by said setting unit from the list of communication channels.